AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A pulley for a continuously variable transmission, the pulley comprising:

[[-]] a supporting shaft;

[[-]] a fixed half-pulley, ~~which is~~wherein the fixed half-pulley is coaxial and fixed to said supporting shaft;

[[-]] a mobile half-pulley, ~~which is~~ wherein the mobile half-pulley is coaxial to said supporting shaft and is ~~able to slide~~ slidable with respect to said fixed half-pulley, the fixed and mobile half-pulleys defining ~~so as to define with the latter~~ a race of variable amplitude and ~~to be~~the race being engageable ~~engaged~~ by a belt of ~~said~~ a drive; and

[[-]] a device for compensating the axial thrust, the device comprising a first cam ~~means~~ and a second cam ~~means~~, wherein ~~which are carried by~~ said fixed half-pulley and said mobile half-pulley carry the first cam and the second cam [[,]] respectively, and are coupled in contact with one another to impart an additional axial thrust on said mobile half-pulley in ~~the~~ a direction of compression of said belt in response, in use, to a torque acting on said pulley; wherein ~~said pulley being characterized in that~~ said fixed half-pulley is fixed to said supporting shaft, and in that said first cam ~~means are~~ is defined by a single tubular body made of plastic material co-moulded on said supporting shaft.

2. (Cancelled)

3. (Currently Amended) The pulley according to Claim 1, ~~characterized in that~~ wherein said second cam ~~means are defined by~~ compromises a cam-follower portion made of a single piece with said mobile half-pulley.

4. (Currently Amended) The pulley according to Claim 3, ~~characterized in that said~~wherein the mobile half-pulley and said cam-follower portion are made of aluminium.

5. (Currently Amended) The pulley according to Claim 3, ~~characterized in that~~ wherein said mobile half-pulley is slidably fitted on a supporting bushing made of plastic material.

6. (Currently Amended) The pulley according to Claim 5, ~~characterized in that~~wherein said supporting bushing ~~(21)~~ forms part of said body made of plastic material.

7. (Currently Amended) The pulley according to Claim 5, ~~characterized in that~~wherein said supporting bushing is made of a self-lubricating material.

8. (Currently Amended) The pulley according to Claim 5, ~~characterized in that~~wherein said mobile half-pulley is coupled to said fixed half-pulley with radial play.

9. (Currently Amended) The pulley according to Claim 1, ~~characterized in that it further comprises~~ further comprising: an elastic element axially pre-loaded for pushing said mobile half-pulley towards said fixed half-pulley; [[,]] and a ~~there being provided~~ positioning ~~means~~ device for pre-loading torsionally said elastic element.

10. (Currently Amended) The pulley according to Claim 9, ~~characterized in that said positioning means~~wherein the positioning device further comprises ~~comprise~~ an adjustment ~~means~~ device for varying the torsional pre-loading of said elastic element.

11. (Currently Amended) The pulley according to Claim ~~10~~, ~~characterized in that said~~ wherein the adjustment ~~means~~ device ~~are~~ is carried by an element of axial pre-loading of said elastic element.

12. (Currently Amended) The pulley according to Claim ~~10~~ 11, ~~characterized in that~~ wherein the element of axial pre-loading includes a ring of holes and the elastic element ~~is defined by~~ comprises a helical spring; ~~said adjustment means comprising a~~ the ring of holes~~, which are~~ being set at an angular distance apart from one another and ~~are~~ selectively engageable by one end of said helical spring.

13. (Currently Amended) The pulley according to Claim 1, ~~characterized in that it~~ wherein the pulley further comprises at least one retention seat made in one ~~between~~ of

said supporting shaft ~~and~~ or said body made of plastic material, and at least one appendage, which is carried by the other one ~~between~~ of said supporting shaft ~~and~~ or said body made of plastic material and engages said retention seat.

14. (Currently Amended) The pulley according to claim 1, ~~characterized in that it comprises~~further comprising a spacer ring carried by one of said half-pulleys and fitted to a front surface thereof in a position radially internal with respect to said race and facing the other of said half-pulleys.